

Manhole Inspection Summary

Manhole # S69C1_006MH

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **69C1** Node: **006** Status: **Found**

Insp Date: **12/1/08 2:31 PM**

Incomplete Comments

Crew: **DJ BR**
Inspector: **MikeMixer**
Firm: **RJN**

Location Address: **Cleveland Ave.**

Cross Street: **Ralls Ave.**

Manhole Type: **Junction** Location: **Easement / Right of Way**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Ponding**

Comments **HEAVY ROOT INTRUSION LIKE A TREE GROWING IN THE MANHOLE. PIECES OF THE WALL FALLING AND FLAKING OFF DUE TO DETERIORATION.**

Cover Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **-1** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **4** (in.) Condition: ☐ Sound ☐ Cracked ☒ **Leaks**

Chimney / Frame Adjustment ☒ Exists Material: **Brick** ☐ Parged Height: **24** (in.)

Condition: ☐ Sound ☒ **Cracked** ☒ **Root Intrusion** ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☒ **Roots** ☒ **Wall**

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☐ Sound ☒ **Cracked** ☒ **Root Intrusion** ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☒ **Roots** ☒ **Wall**

Barrel Material: **Brick** ☐ Parged

Shape: **Rectangular** Diameter: **48** (in.) Length: **48** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

Bench ☐ Exists Material: ☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Deteriorated** ☒ **Leaks** ☐ Debris

Steps Count: **15** Missing: **0** ☒ **Corroded**

Surcharge ☒ **Evidence Of Surcharge** Depth: **6** (ft.) ☐ Active Surcharge Present

Location View



Top View



Defect 1



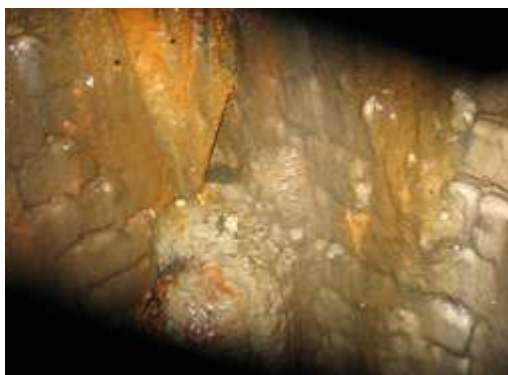
Encrustation of O12 pipe and seal

Defect 9



Roots from corbel

Defect 8



Wall deterioration

Defect 11



roots

Defect 7



Wall deterioration

Defect 3



Encrustation of I6 pipe and seal

Defect 4



Infiltration of wall

Defect 2



Encrustation of wall

Defect 6



Encrustation

Defect 10



Root from wall

Defect 5



Infiltration of barrel

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30 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **30** (in.) Rod and Bar (Angled)
Pipe Material: **Concrete** ☐ Pipe Lined
Invert Depth: **37.67** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Gravy ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **Weeper** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

30 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **30** (in.) Rod and Bar (Angled)
Pipe Material: **Concrete** ☐ Pipe Lined
Invert Depth: **37.50** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Gravy ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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10 in. Circular Gravity Sewer

8 O'Clock Inflow

Pipe In @ 8 O'Clock



Pipe Height: **10.8** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **14.80** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☒ Mud ☒ Sludge ☒ Debris ☒ Grease

Silt Depth: **6** (in.) Deposits Extent: **Medium**

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

6 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



Pipe Height: **6** (in.) Rod and Bar (Angled)

Pipe Material: **PVC** ☐ Pipe Lined

Invert Depth: **5.00** (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection